INTERNATIONAL SEARCH REPORT

PCT, U 03/12536

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01P15/08 G01P15/18 G01L9/00 G01L1/00 B81B1/00 B81B3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01P G01L B81B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, COMPENDEX, EPO-Internal, IBM-TDB

	Street and the street and the street and the second	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	nelevant to claim No.
X	US 6 132 278 A (KANG WENG POO ET AL) 17 October 2000 (2000-10-17)	1-7, 11-14, 17, 19-44, 48-53, 55-58, 60,63, 64,67
	column 11, line 28 - line 31 column 12, line 64 - line 3 column 17, line 33 -column 18, line 52; figures 26-31	
X	WO 01 77694 A (KRAUSS JULIE R EF ;GRUEN DIETER M (US); UNIV CHICAGO (US); AUCIELL) 18 October 2001 (2001-10-18) page 12, line 5 - line 15 page 15, line 9 - line 15; figure 7	1,18,55, 68-72

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X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the International filling date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 12 January 2004	Date of malling of the international search report 21/01/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Pflugfelder, G

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A	US 6 445 006 B1 (XU XUEPING ET AL) 3 September 2002 (2002-09-03) column 2, line 31 - line 39 column 9, line 3 - line 25; figure 11	7,44,60
A .	FAN S ET AL: "SELF-ORIENTED REGULAR ARRAYS OF CARBON NANOTUBES AND THEIR FIELD EMISSION PROPERTIES" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 283, 22 January 1999 (1999-01-22), pages 512-514, XP000930011 ISSN: 0036-8075 cited in the application the whole document	7-10, 44-47, 60-62
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